

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/003036

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: G11B 20/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: G11B 20/10Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
G11B 7/00, 7/004, 7/005, 7/007, 20/12Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003215209 A1 (KAWAGUCHI) 20 November 2003 (20.11.2003) <i>the whole document.</i>	1,11,14,17-19
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A	US 2003133375 A1(ANDO et al.) 17 July 2003 (17.07.2003) <i>the whole document.</i>	1,11,14,17-19
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A	KR 2002057441 A (LEE) 11 July 2002 (11.07.2002) <i>the whole document.</i>	1,11,14,17-19

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
25 May 2005 (25.05.2005)Date of mailing of the international search report
8 June 2005 (08.06.2005)Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 ViennaAuthorized officer
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR 2004/003036

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
KR	A	20020574 41	2002-07-11	none			
US	A1	20031333	2003-07-17	CN	A	1430214	2003-07-16
		75		JP	A	2003203356	2003-07-18
US	A1	20032152 09	2003-11-20	JP	A	2003333529	2003-11-21